

PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference
(if desired) (12 characters maximum) 5276-110WO

Box No. I TITLE OF INVENTION
A TWO STAGE ENERGY STORAGE DEVICE

Box No. II APPLICANT

This person is also inventor

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

ECOSOL SOLAR TECHNOLOGIES, INC.
62 Valley Forge Drive
East Brunswick, New Jersey 08816
US

Telephone No.
609-656-7777

Facsimile No.

Teleprinter No.

Applicant's registration No. with the Office

State (that is, country) of nationality:
US

State (that is, country) of residence:
US

This person is applicant for the purposes of: all designated States all designated States except the United States of the United States of America only the States indicated in the Supplemental Box

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

KULAR, ANDREW C.
7 Hinton Avenue N.
Ottawa, Ontario K1Y 4P1
Canada

This person is:

- applicant only
 applicant and inventor
 inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:
CA

State (that is, country) of residence:
CA

This person is applicant for the purposes of: all designated States all designated States except the United States of the United States of America only the States indicated in the Supplemental Box

Further applicants and/or (further) inventors are indicated on a continuation sheet.

Box No. IV AGENT OR COMMON REPRESENTATIVE, OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of agent common representative the applicant(s) before the competent International Authorities as:

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

ONKA, THOMAS J.
Synnestvedt Lechner & Woodbridge LLP
P.O. Box 592
Princeton, New Jersey 08542
US

Telephone No.
609-924-3773

Facsimile No.
609-924-1811

Teleprinter No.

Agent's registration No. with the Office
42,053

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Box No. V DESIGNATIONS

The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.

However,

- DE Germany is not designated for any kind of national protection
 KR Republic of Korea is not designated for any kind of national protection
 RU Russian Federation is not designated for any kind of national protection

(The check-boxes above may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. See the Notes to Box No. V as to the consequences of such national law provisions in these and certain other States.)

Box No. VI PRIORITY CLAIM

The priority of the following earlier application(s) is hereby claimed:

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country or Member	regional application:* regional Office	international application: receiving Office
item (1) 17 June 2003	60/479,541	US		
item (2)				
item (3)				

- Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

- all items item (1) item (2) item (3) other, see Supplemental Box

* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):

Box No. VII INTERNATIONAL SEARCHING AUTHORITY

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA/ US

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)

Number

Country (or regional Office)

Box No. VIII DECLARATIONS

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

Number of declarations

- Box No. VIII (i) Declaration as to the identity of the inventor :
 Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent :
 Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :
 Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America) :
 Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :

Box No. IX CHECK LIST: LANGUAGE OF FILING

This international application contains:		This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	
(a) in paper form, the following number of sheets:			
request (including declaration sheets)	: 3	<input checked="" type="checkbox"/>	fee calculation sheet
description (excluding sequence listing and/or tables related thereto)	: 9	<input checked="" type="checkbox"/>	original separate power of attorney
claims	: 4	<input type="checkbox"/>	original general power of attorney
abstract	: 1	<input type="checkbox"/>	copy of general power of attorney; reference number, if any:
drawings	: 4	<input type="checkbox"/>	statement explaining lack of signature
Sub-total number of sheets	21	<input type="checkbox"/>	priority document(s) identified in Box No. VI as item(s):
sequence listing	:	<input type="checkbox"/>	translation of international application into (language):
tables related thereto	:	<input type="checkbox"/>	separate indications concerning deposited microorganism or other biological material
(for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c))	-----	<input type="checkbox"/>	sequence listing in computer readable form (indicate type and number of carriers)
Total number of sheets	: 21	(i) <input type="checkbox"/>	copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)
(b) <input type="checkbox"/> only in computer readable form (Section 801(a)(i))		(ii) <input type="checkbox"/>	(only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter
(i) <input type="checkbox"/> sequence listing		(iii) <input type="checkbox"/>	together with relevant statement as to the identity of the copy or copies with the sequence listing mentioned in left column
(ii) <input type="checkbox"/> tables related thereto		10. <input type="checkbox"/>	tables in computer readable form related to sequence listing (indicate type and number of carriers)
(c) <input type="checkbox"/> also in computer readable form (Section 801(a)(ii))		(i) <input type="checkbox"/>	copy submitted for the purposes of international search under Section 802(b-quafer) only (and not as part of the international application)
(i) <input type="checkbox"/> sequence listing		(ii) <input type="checkbox"/>	(only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quafer)
(ii) <input type="checkbox"/> tables related thereto		(iii) <input type="checkbox"/>	together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the		11. <input type="checkbox"/>	other (specify): Assignment, Recordation Form, check
<input type="checkbox"/> sequence listing:			0
<input type="checkbox"/> tables related thereto:			
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)			
Figure of the drawings which		Language of filing of the	Number of items
3		English	

Box No. V. SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

BOX NO. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

Thomas J. Onka, Reg. No. 42,053
Attorney for Applicant

Date _____

For receiving Office use only	
1. Date of actual receipt of the purported international application:	2. Drawings: <input type="checkbox"/> received: <input type="checkbox"/> not received:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):	
5. International Searching Authority (if two or more are competent): ISA/	6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid

For International Bureau use only

This sheet is not part of and does not count as a sheet of the international application.

PCT

FEE CALCULATION SHEET Annex to the Request

For receiving Office use only

International Application No.

Applicant's or agent's
file reference

5276-110WO

Date stamp of the receiving Office

Applicant

ECOSOL Solar Technologies, Inc.

CALCULATION OF PRESCRIBED FEES

1. TRANSMITTAL FEE 300.00 **T**

2. SEARCH FEE 1,000.00 **S**

International search to be carried out by **US**

(If two or more International Searching Authorities are competent to carry out the international search, indicate the name of the Authority which is chosen to carry out the international search.)

3. INTERNATIONAL FILING FEE

Where item (b) and/or (c) of Box No. IX apply, enter Sub-total number of sheets
Where item (b) and (c) of Box No. IX do not apply, enter Total number of sheets

} **21**

i1 first 30 sheets 1,134.00 **i1**

i2 0 x 12.00 = 0.00 **i2**
number of sheets in
excess of 30

i3 additional component (only if sequence listing and/or tables related thereto are filed in computer readable form under Section 801(a)(i), or both in that form and on paper, under Section 801(a)(ii)):

400 x fee per sheet = i3

Add amounts entered at **i1**, **i2** and **i3** and enter total at **I** 1,134.00 **I**

(Applicants from certain States are entitled to a reduction of 75% of the international filing fee. Where the applicant is (or all applicants are) so entitled,

4. FEE FOR PRIORITY DOCUMENT (if applicable) 15.00 **P**

5. TOTAL FEES PAYABLE 2,977.00

Add amounts entered at **T**, **S**, **I** and **P**, and enter total in the **TOTAL** box

MODE OF PAYMENT

authorization to charge
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coupons

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revenue stamps

other (specify):

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(This mode of payment may not be available at all receiving Offices)

Authorization to charge the total fees indicated above.

(This check-box may be marked only if the conditions for deposit accounts of the receiving Office so permit) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.

Authorization to charge the fee for priority document.

Receiving Office: **US**

Deposit Account No.: **23-3040**

Date: **6/17/04**

Name: **Thomas J. Onka**

Signature: 